



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : PATENT APPLICATION  
Vidhu J. Nagpal, et al. : Group Art Unit:  
Serial No. 10/602,818 : Examiner: Not Assigned  
Filed: June 25, 2003 : PPG Case No. 1778A1  
For: A HIGH REFRACTIVE INDEX :  
POLYMERIZABLE COMPOSITION :

INFORMATION DISCLOSURE STATEMENT

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The documents listed on the attached Form PTO-1449 are brought to the attention of the United States Patent and Trademark Office with respect to the application identified above in accordance with the provisions of 37 CFR 1.56, 1.97 and 1.98.

Copies of the documents listed on the attached Substitute Form PTO-1449 are enclosed herewith except that only a listing of the contents of Techniques of Chemistry "Photochromism", Volume III, Glenn H. Brown, Editor, John Wiley and Sons, Inc., New York 1971 is included. If it is necessary, a copy of the entire section will be provided.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:	
Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
on	October 2, 2003
(Date)	
Signature	
Norma J. Golling	
Typed or printed name of person mailing correspondence	

It is requested that the Examiner consider these documents and that they be made of record in the application.

Respectfully submitted,



CAROL A. MARMO, ESQUIRE  
Registration No. 39,761

Attorney of Record

Pittsburgh, Pennsylvania

October 2, 2003

		Atty. Docket No. 1778A1	Serial No. 10/602,818
<b>LIST OF CITATIONS BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		Applicant Vidhu J. Nagpal, et al.	
		Filing Date June 25, 2003	Group

## U.S. PATENT DOCUMENTS

Exam.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
AA	3,361,706	01/02/68	Smith Meriwether, et al.	260	39	
AB	4,367,170	01/04/83	Uhlmann, et al.	252	586	
AC	4,637,698	01/20/87	Kwak, et al.	351	163	
AD	4,931,220	06/05/90	Haynes, et al.	252	586	
AE	5,166,345	11/24/92	Akashi, et al.	544	71	
AF	5,236,958	08/17/93	Miyashita	518	121	
AG	5,252,742	10/12/93	Miyashita	548	121	
AH	5,359,085	10/25/94	Iwamoto, et al.	548	468	
AI	5,488,119	01/30/96	Fischer-Reimann, et al.	552	201	
AJ	5,645,767	07/08/97	Van Gemert	252	586	
AK	5,658,501	08/19/97	Kumar, et al.	252	586	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes	Translation No
AL	WO 97/05213	13.02.97	PCT	C09K	9/02		
AM							
AN							
AO							
AP							

## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Ullmann's Encyclopedia of Industrial Chemistry, Fifth, Completely Revised Edition, 1992, Volume A21, pages 673 and 674.
AS	"Principles of Polymerization," George Odian, McGraw-Hill, Inc., 1970 (Second Edition, John Wiley & Sons, 1981), pages 16-19 and 94-99.
AT	ASTM Test Method D 1925-70 (Reapproved 1977) "Standard Test Method for yellowness Index of Plastics" (Designation: D 1925 (Reapproved 1988))

Examiner	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
AA 5,693,738	12/02/97	Okazaki, et al.	528	51	
AB 5,821,287	10/13/98	Hu, et al.	524	89	
AC 6,113,814	09/05/00	Van Gemert, et al.	252	586	
AD 6,153,126	11/28/00	Kumar	252	586	
AE 6,296,785 B1	10/02/01	Nelson, et al.	252	586	
AF 6,348,604 B1	01/19/02	Nelson, et al.	549	389	
AG 6,353,102 B1	03/05/02	Kumar	544	60	
AH					
AI					
AJ					
AK					

## FOREIGN PATENT DOCUMENTS

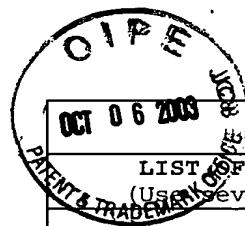
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AL						
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## OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	ASTM Test Method D 1003-61 (Reapproved 1977) "Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics" (Designation: D 1003-92)
AS	CEN ISO TR 14577:1955(E) "Metallic materials - Hardness test - Universal test, First Edition 1995-12-15
AT	ASTM-D 2583-95 "Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor"

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**OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	ASTM D297-90 "Standard Test Methods for Rubber Products-Chemical Analysis"
AS	<u>Techniques of Chemistry</u> , Volume III, "Photochromism" Chapter 3, Glenn H. Brown, Editor, John Wiley & Sons, Inc., New York, 1971
AT	U.S. Serial No. 60/399,994, filed July 31, 2002, "A High Refractive Index Polymerizable Composition"

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**OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	U.S. Serial No. 09/828,260, filed April 6, 2001, "Polymeric Matrix Compatibilized Naphthopyrans"		
AS			
AT			

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